

Art Unit: 2100

CLMPTO

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1. (Amended)A genuine/counterfeit discrimination method, comprising identifying a combination of at least two of an electric field pattern, a magnetic pattern, an electron beam responsive pattern, an X-ray responsive pattern, and reflection or absorption patterns of visible light, ultraviolet light, and infrared light, using an electric field, a magnetic field, an electron beam, an X-ray beam, visible light, ultraviolet light, or infrared light.

2. The genuine/counterfeit discrimination method according to claim 1, wherein all the patterns to be identified are identical.

3. The genuine/counterfeit discrimination method according to claim 1, wherein each of the patterns is imaged and the images are compared and identified.

4. The genuine/counterfeit discrimination method according to claim 1, wherein the identification of a visible-light pattern is indispensable.

5. The genuine/counterfeit discrimination method according to claim 1, wherein the genuine/counterfeit discrimination object is a printed matter obtained through

printing with a color ink composition prepared by coating base particles with a multilayered film to color the particles by means of the resultant interference color, and to enable the particles to show a specific interference reflection peak in a region besides the visible light region, and dispersing the resultant powder into a dispersion medium for ink.

6. The genuine/counterfeit discrimination method according to claim 5, wherein the base particles used in the color ink composition are a magnetic material.

7. The genuine/counterfeit discrimination method according to claim 5, wherein the base particles used in the color ink composition are a conductive material.

8. The genuine/counterfeit discrimination method according to claim 1, characterized in that the electron beam responsive pattern formed with an electron beam is identified with an electron microscope.

9. A genuine/counterfeit discrimination object, wherein a combination of at least two of an electric field pattern, a magnetic pattern, an electron beam responsive pattern, and reflection or absorption patterns of visible light, ultraviolet light, and infrared light can be

identified therein using an electric field, a magnetic field, an electron beam, visible light, ultraviolet light, or infrared light.

10. The genuine/counterfeit discrimination object according to claim 9, which is a printed matter obtained through printing with a color ink composition prepared by coating base particles with a multilayered film to color the particles by means of the resultant interference color, and to enable the particles to show a specific interference reflection peak in a region besides the visible light region, and dispersing the resultant powder into a dispersion medium for ink.

11. The genuine/counterfeit discrimination object according to claim 9, which is obtained by forming a peculiar differentiation pattern on a substrate by coating with a color ink composition prepared by coating base particles with a multilayered film to color the particles by means of the resultant interference color, and to enable the particles to show a specific interference reflection peak in a region besides the visible light region, and dispersing the resultant powder into a dispersion medium for ink.

12. The genuine/counterfeit discrimination object according to claim 10 or 11, wherein the matter to be printed or the substrate is a sheet or plate, a woven fabric, or a knit fabric made of a paper, resin, glass, rubber, ceramic, or metal.

13. The genuine/counterfeit discrimination object according to claim 9, which is obtained by depositing on a substrate a powder prepared by coating base particles with a multilayered film to color the particles by means of the resultant interference color, and to enable the particles to show a specific interference reflection peak in a region besides the visible light region.

14. The genuine/counterfeit discrimination object according to claim 13, wherein the substrate is a sheet or plate, a woven fabric, or a knit fabric made of a paper, resin, glass, rubber, ceramic, or metal.

15. (Amended) A genuine/counterfeit discrimination device, comprising at least two devices selected from a device for identifying an electric field pattern, a device for identifying a magnetic pattern, a device for identifying an electron beam responsive pattern, a device for identifying an X-ray responsive pattern, a device for identifying a visible-light pattern, a device for identifying an ultraviolet-light pattern, and a device for identifying an infrared-light pattern and further comprising a device for comparing and identifying patterns obtained with these identification devices.

16. The genuine/counterfeit discrimination device according to claim 15, which indispensably has the device for identifying a visible-light pattern.

17. The genuine/counterfeit discrimination device according to claim 15, wherein the device for identifying an electron beam responsive pattern is an electron microscope.

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